

WHAT IS CLAIMED IS:

- 1 1. A nutritional product for equine foals and other
2 animals, comprising:
 - 3 a polar lipid supplement which is high in
 - 4 galactolipids and antioxidants;
 - 5 a soluble fiber that exerts a beneficial effect
 - 6 on health;
 - 7 a nutriceine which enhances growth and/or
 - 8 strengthens the immune system; and
 - 9 a protein..concentrate supplement.
- 1 2. A nutritional product as defined in Claim 1,
2 wherein said polar lipid supplement contains
3 antioxidants.
- 1 3. A nutritional product as defined in Claim 1,
2 wherein said polar lipid supplement contains lipids of
3 oats.
- 1 4. A nutritional product as defined in Claim 1,
2 wherein said polar lipid supplement comprises at least
3 one oil selected from the group consisting of oat oil,
4 soybean oil, olive oil, palm oil, sunflower oil, corn
5 oil, rape seed oil, and linseed oil.
- 1 5. A nutritional product as defined in Claim 1,
2 wherein said polar lipid supplement comprises:
3 oat oil.
- 1 6. A nutritional product as defined in Claim 5,
2 wherein said oat oil comprises a mixture of oat oil
3 from all phases of the extraction process.
- 1 7. A nutritional product as defined in Claim 1,
2 wherein said polar lipid supplement comprises between
3 approximately four percent and fifty percent of said
4 nutritional product by weight.

1 8. A nutritional product as defined in Claim 7,
2 wherein said polar lipid supplement comprises between
3 approximately twenty-five percent and forty-five
4 percent of said nutritional product by weight.

1 9. A nutritional product as defined in Claim 8,
2 wherein said polar lipid supplement comprises
3 approximately thirty-five and four-fifths percent of
4 said nutritional product by weight.

1 10. A nutritional product as defined in Claim 1,
2 wherein said soluble fiber is an oligosaccharide.

1 11. A nutritional product as defined in Claim 1,
2 wherein said soluble fiber is derived from at least
3 one ingredient selected from the group consisting of
4 oats, barley, and soybeans.

1 12. A nutritional product as defined in Claim 1,
2 wherein said soluble fiber is derived from oats.

1 13. A nutritional product as defined in Claim 1,
2 wherein said soluble fiber comprises:
3 β -glucan (beta-glucan).

1 14. A nutritional product as defined in Claim 13,
2 wherein said wherein said β -glucan is derived from
3 oats.

1 15. A nutritional product as defined in Claim 1,
2 wherein said soluble fiber comprises between
3 approximately one-half and fifty percent of said
4 nutritional product by weight.

1 16. A nutritional product as defined in Claim 15,
2 wherein said soluble fiber comprises between

3 approximately two and ten percent of said nutritional
4 product by weight.

1 17. A nutritional product as defined in Claim 16,
2 wherein said soluble fiber supplement comprises
3 approximately two and one-half percent of said
4 nutritional product by weight.

1 18. A nutritional product as defined in Claim 1,
2 wherein said nutriceine comprises:
3 dietary nucleotides.

1 19. A nutritional product as defined in Claim 1,
2 wherein said nutriceine comprises:
3 yeast cell extract.

1 20. A nutritional product as defined in Claim 19,
2 wherein said yeast cell extract comprises between
3 approximately one-half percent and ten percent of said
4 nutritional product by weight.

1 21. A nutritional product as defined in Claim 20,
2 wherein said yeast cell extract comprises
3 approximately five percent of said nutritional product
4 by weight.

1 22. A nutritional product as defined in Claim 19,
2 wherein said yeast cell extract is derived from bakers
3 or brewers yeast.

1 23. A nutritional product as defined in Claim 19,
2 wherein said yeast cell extract comprises:
3 the material marketed under the trademark Yeast
4 Cell Extract (2006) by Lesaffre.

1 24. A nutritional product as defined in Claim 1,
2 wherein said nutrice comprises:
3 yeast cell wall.

1 25. A nutritional product as defined in Claim 24,
2 wherein said yeast cell wall comprises between
3 approximately one-half percent and five percent of
4 said nutritional product by weight.

1 26. A nutritional product as defined in Claim 25,
2 wherein said yeast cell wall comprises approximately
3 two percent of said nutritional product by weight.

1 27. A nutritional product as defined in Claim 1,
2 wherein said protein concentrate supplement comprises:
3 whey protein concentrate.

1 28. A nutritional product as defined in Claim 27,
2 wherein said whey protein concentrate contains high
3 levels of immunoglobulins and lactalbumins.

1 29. A nutritional product as defined in Claim 1,
2 additionally comprising:
3 a nutrice which stimulates the formation of
4 nucleotides.

1 30. A nutritional product as defined in Claim 29,
2 wherein said nutrice which stimulates the formation
3 of nucleotides comprises:
4 L-glutamine.

1 31. A nutritional product as defined in Claim 30,
2 wherein said L-glutamine comprises between
3 approximately two percent and six percent of said
4 nutritional product by weight.

1 32. A nutritional product as defined in Claim 31,
2 wherein said L-glutamine comprises approximately four
3 percent of said nutritional product by weight.

1 33. A nutritional product as defined in Claim 1,
2 additionally comprising:
3 Vitamin E.

1 34. A nutritional product as defined in Claim 33,
2 wherein said Vitamin E comprises approximately two-
3 tenths percent of said nutritional product by weight.

1 35. A nutritional product as defined in Claim 1,
2 additionally comprising:
3 at least one mineral micronutritional additive.

1 36. A nutritional product as defined in Claim 35,
2 wherein at least one mineral micronutritional additive
3 comprises:
4 one or more from the group consisting of selenium
5 yeast, copper yeast, manganese yeast, zinc yeast, and
6 chromium yeast.

1 37. A nutritional product as defined in Claim 36,
2 wherein each said mineral micronutritional additive
3 comprises approximately one-tenth percent of said
4 nutritional product by weight.

1 38. A nutritional product as defined in Claim 1,
2 additionally comprising:
3 a medication that is carried with the other
4 ingredients of said nutritional product, wherein at
5 least one of the absorption or the therapeutic value
6 of said medication is maximized by being taken in
7 conjunction with said nutritional product.

1 39. A feed supplement for equine foals and other
2 animals, comprising:
3 an oat oil-based polar lipid supplement;
4 β -glucan (beta-glucan) soluble fiber;
5 a nutriceine which contains nucleotides;
6 a surfactant amino acid-based nutriceine which
7 stimulates the formation of nucleotides; and
8 whey protein concentrate.

1 40. A nutritional product for equine foals and other
2 animals, comprising:
3 a first ingredient for protecting intestinal
4 tissue and increasing the bioavailability of nutrients
5 to the body;
6 a second ingredient for increasing the immune
7 system and enhancing the production of micronutrients;
8 a third ingredient for enhancing growth and
9 thickness and supporting nutritional uptake; and
10 a fourth ingredient containing a high level of
11 dietary protein.

1 41. A nutritional product as defined in Claim 40,
2 wherein said first ingredient comprises:
3 a polar lipid supplement.

1 42. A nutritional product as defined in Claim 41,
2 wherein said polar lipid supplement comprises:
3 oat oil.

1 43. A nutritional product as defined in Claim 40,
2 wherein said second ingredient comprises:
3 a soluble fiber.

1 44. A nutritional product as defined in Claim 43,
2 wherein said soluble fiber comprises:
3 β -glucan (beta-glucan).

1 45. A nutritional product as defined in Claim 44,
2 wherein said β -glucan is derived from oats.

1 46. A nutritional product as defined in Claim 40,
2 wherein said third ingredient comprises:
3 a nutrice which provides a significant level of
4 nucleotides.

1 47. A nutritional product as defined in Claim 46,
2 wherein said nutrice comprises:
3 yeast cell extract.

1 48. A nutritional product as defined in Claim 46,
2 wherein said nutrice comprises:
3 yeast cell wall.

1 49. A nutritional product as defined in Claim 40,
2 wherein said fourth ingredient comprises:
3 whey protein concentrate.

1 50. A nutritional product as defined in Claim 49,
2 wherein said whey protein concentrate contains high
3 levels of immunoglobulins and lactalbumins.

1 51. A nutritional product as defined in Claim 40,
2 additionally comprising:
3 a fifth ingredient for stimulating the production
4 of a nutrice which enhances growth and/or
5 strengthens the immune system.

1 52. A nutritional product as defined in Claim 51,
2 wherein said fifth ingredient comprises:
3 a nutrice which stimulates the formation of
4 nucleotides.

1 53. A nutritional product as defined in Claim 52,
2 wherein said nutrice which stimulates the formation
3 of nucleotides comprises:

4 L-glutamine.

1 54. A nutritional product as defined in Claim 44,
2 additionally comprising:

3 at least one ingredient from the group consisting
4 of Vitamin E, selenium yeast, copper yeast, manganese
5 yeast, zinc yeast, and chromium yeast.

1 55. A nutritional product for equine foals and other
2 animals, comprising:

3 a polar lipid supplement which is high in
4 galactolipids and antioxidants;

5 a nutrice which enhances growth and/or
6 strengthens the immune system; and

7 a protein concentrate supplement.

1 56. A nutritional product, comprising:

2 a polar lipid supplement;

3 a soluble fiber; and

4 a nutrice which enhances growth and/or
5 strengthens the immune system.

1 57. A method of making a nutritional product for
2 equine foals and other animals, said method
3 comprising:

4 providing a polar lipid supplement;

5 providing a soluble fiber;

6 providing a nutrice which enhances growth
7 and/or strengthens the immune system; and

8 mixing said polar lipid supplement, said soluble
9 fiber, and said nutrice which enhances growth and/or
10 strengthens the immune system together.

1 58. A method of making a nutritional product for
2 equine foals and other animals, said method
3 comprising:
4 providing a polar lipid supplement;
5 providing a soluble fiber;
6 providing a nutrice which enhances growth
7 and/or strengthens the immune system;
8 providing a nutrice which stimulates the
9 formation of nucleotides;
10 a protein concentrate; and
11 mixing said polar lipid supplement, said soluble
12 fiber, said nutrice which enhances growth and/or
13 strengthens the immune system, said nutrice which
14 stimulates the formation of nucleotides, and said
15 protein concentrate together.

1 59. A method for feeding a nutritional product for
2 equine foals, and other animals, said method
3 comprising:
4 preparing an appropriately sized dose of
5 nutritional product comprising:
6 a polar lipid supplement;
7 a soluble fiber;
8 a nutrice which enhances growth and/or
9 strengthens the immune system; and
10 a protein concentrate;
11 administering said nutritional product to an
12 equine foal or other animal on a regular basis; and
13 repeating said preparing and administering steps
14 at least once daily.

1 60. A method for utilizing a nutritional product for
2 use in administering a medication in equine foals or
3 other animals, said method comprising:
4 preparing an appropriately sized dose of
5 nutritional product comprising:

6 a polar lipid supplement which is high in
7 galactolipids and antioxidants;
8 a soluble fiber that exerts a beneficial
9 effect on health; and
10 a nutriceine which enhances growth and/or
11 strengthens the immune system; and
12 a protein concentrate;
13 mixing an appropriately sized dose of a
14 medication into said nutritional product;
15 administering said nutritional product to an
16 equine foal or other animal.